

WHAT IS CLAIMED IS:

1. A flyback transformer comprising a coil including a secondary multi-layered winding which is divided by a dividing diode, a diode being connected to a low potential-side of said secondary multi-layered winding,

5 wherein a built-in component is disposed at a position corresponding to a central portion of a winding length of said coil.

2. A flyback transformer comprising a coil including a secondary multi-layered winding which is divided by a dividing diode, a diode being connected to a low potential-side of said secondary multi-layered winding,

5 wherein a built-in component is disposed in the vicinity of said dividing diode.

3. The flyback transformer of claim 1, wherein said built-in component comprises a capacitor connected to an input portion into which a signal for obtaining a dynamic focus output is provided.

4. The flyback transformer of claim 2, wherein said built-in component comprises a capacitor connected to an input portion into which a signal for obtaining a dynamic focus output is provided.

5. The flyback transformer of claim 1, wherein the dividing diode comprises a plurality of diodes each connected between windings of said secondary multi-layered winding.

6. The flyback transformer of claim 2, wherein the dividing diode comprises a plurality of diodes each connected between windings of said secondary multi-layered winding.

7. The flyback transformer of claim 1 wherein positive and negative pulses are induced in said built-in component by said secondary winding, thereby substantially cancelling said positive and negative pulses said built-in component.

8. The flyback transformer of claim 2 wherein the built-in component is disposed off center from the central portion of the winding length of said coil, with said dividing diode also disposed likewise off center from the central portion, whereby induced pulses generated by the secondary winding in the built-in component are substantially cancelled by induced pulses generated in leads of the dividing diode in the built-in component.

00520525.1